

## EAST Search History

L2	37	L1 and ((multiple near photon) or multiphoton or multi-photon or photon) \	US-PGPUB; USPAT	AND	ON	2007/03/30 11:03
L3	37	L1 and ((multiple near photon) or multiphoton or multi-photon or photon)	US-PGPUB; USPAT	AND	ON	2007/03/30 11:05
L4	1501	multiphoton	US-PGPUB; USPAT	AND	ON	2007/03/30 11:06
L5	9	"20030149997".did. or "20020187157".did. or "6849249".pn. or "6818218".pn. or "6153171".pn. or "6114175".pn. or "6107050".pn. or "6001331".pn. or "5973779".pn.	US-PGPUB; USPAT	AND	ON	2007/03/30 11:32
L6	3	"5784146".pn. or "5540226".pn. or "4836207".pn.	US-PGPUB; USPAT	AND	ON	2007/03/30 11:35
L7	20543	fluorosc\$5	US-PGPUB; USPAT	AND	ON	2007/03/30 11:35
L8	270941	fluorosc\$5 or fluoresc\$5	US-PGPUB; USPAT	AND	ON	2007/03/30 11:36
L10	841	4 and 8	US-PGPUB; USPAT	AND	ON	2007/03/30 11:36
L11	17713	amyloid or A near beta or A-beta	US-PGPUB; USPAT	AND	ON	2007/03/30 11:36
L12	34	4 and 8 and L11	US-PGPUB; USPAT	AND	ON	2007/03/30 11:37
L13	38533	Alzheimer's or Alzheimers	US-PGPUB; USPAT	AND	ON	2007/03/30 11:37
L14	28	4 and 8 and L11 and L13	US-PGPUB; USPAT	AND	ON	2007/03/30 13:05
L15	428	(4 or photon) and 8 and L11 and L13	US-PGPUB; USPAT	AND	ON	2007/03/30 11:37
L16	5	"935767".ap.	US-PGPUB; USPAT	AND	ON	2007/03/30 13:05

## EAST Search History

L18	64	L17 and (second or sec or s)	US-PGPUB; USPAT	AND	ON	2007/03/30 13:24
L19	62	L17 and (second or sec)	US-PGPUB; USPAT	AND	ON	2007/03/30 13:25
L20	27	L17 and (second or sec) and pulse	US-PGPUB; USPAT	AND	ON	2007/03/30 13:25
L21	13	L17 and (second or sec) same pulse	US-PGPUB; USPAT	AND	ON	2007/03/30 13:28
L22	7	L17 and femtosecond	US-PGPUB; USPAT	AND	ON	2007/03/30 13:30
L23	4	L17 and nanosecond	US-PGPUB; USPAT	AND	ON	2007/03/30 13:31
L25	1	"6329531".pn.	US-PGPUB; USPAT	AND	ON	2007/03/30 14:22
S1	6	"001643".ap.	US-PGPUB; USPAT	AND	ON	2007/03/15 14:06
S2	4	"997969".ap.	US-PGPUB; USPAT	AND	ON	2007/03/15 13:26
S3	0	wablat-wolfgang.in.	US-PGPUB; USPAT	AND	ON	2007/03/15 13:26
S4	10845	amyloid	US-PGPUB; USPAT	AND	ON	2007/03/15 14:06
S5	17614	amyloid or A near beta or A-beta	US-PGPUB; USPAT	AND	ON	2007/03/15 14:07
S6	121661	fluorescence	US-PGPUB; USPAT	AND	ON	2007/03/15 14:10
S7	6981	S5 and S6	US-PGPUB; USPAT	AND	ON	2007/03/15 14:07
S8	127502	brain	US-PGPUB; USPAT	AND	ON	2007/03/15 14:07
S9	5283	S7 S8	US-PGPUB; USPAT	AND	ON	2007/03/15 14:07
S10	1001656	imag\$4	US-PGPUB; USPAT	AND	ON	2007/03/15 14:07
S11	49524	S8 and S10	US-PGPUB; USPAT	AND	ON	2007/03/15 14:08
S12	3515	S8 S9 S10	US-PGPUB; USPAT	AND	ON	2007/03/15 14:09
S13	18109	fluorescence near emi\$7	US-PGPUB; USPAT	AND	ON	2007/03/15 14:10
S14	759	S5 S13 S8 S10	US-PGPUB; USPAT	AND	ON	2007/03/15 14:13
S15	718	S4 S5 S13 S8 S10	US-PGPUB; USPAT	AND	ON	2007/03/15 14:12

## EAST Search History

S16	38257	Alzheimer's or Alzheimers	US-PGPUB; USPAT	AND	ON	2007/03/15 14:13
S17	656	S14 and S16	US-PGPUB; USPAT	AND	ON	2007/03/15 14:13
S18	645	S15 and S16	US-PGPUB; USPAT	AND	ON	2007/03/15 14:13
S19	12	("20020187157"   "20030149997"   "4836207"   "5540226"   "5784146"   "5973779"   "6001331"   "6107050"   "6114175"   "6153171"   "6818218"   "6849249").PN. OR ("7107092").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/15 15:34
S20	4	"4479499".pn. or "5003977".pn. or "5115137".pn. or "5131398".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/15 15:45
S21	5	"4479499".pn. or "5003977".pn. or "5115137".pn. or "5131398".pn. or "4895156".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/15 15:45
S22	203	435/7.36.ccis.	US-PGPUB; USPAT	AND	ON	2007/03/15 16:20
S23	3	"20020115717".did. or "6280386".pn. or "6600947".pn.	US-PGPUB; USPAT	AND	ON	2007/03/15 16:25
S24	1856	600/473-477.ccis.	US-PGPUB; USPAT	AND	ON	2007/03/15 16:25
S25	368	800/9.ccis.	US-PGPUB; USPAT	AND	ON	2007/03/15 16:22
S26	1809	424/9.1,9.6.ccis.	US-PGPUB; USPAT	AND	ON	2007/03/15 16:23
S27	5642	435/4.ccis.	US-PGPUB; USPAT	AND	ON	2007/03/15 16:23
S28	483	356/300.ccis.	US-PGPUB; USPAT	AND	ON	2007/03/15 16:23
S29	9959	S24 or S25 or S26 or S27 or S28	US-PGPUB; USPAT	AND	ON	2007/03/15 16:24
S30	1970	hyman.in.	US-PGPUB; USPAT	AND	ON	2007/03/15 16:25
S31	6	hyman-bradley-t.in.	US-PGPUB; USPAT	AND	ON	2007/03/15 16:26
S32	0	hyman-bradley.in.	US-PGPUB; USPAT	AND	ON	2007/03/15 16:26
S33	1	christie-richard.in.	US-PGPUB; USPAT	AND	ON	2007/03/15 16:26
S34	3	christie-richard-?.in.	US-PGPUB; USPAT	AND	ON	2007/03/15 16:27

## EAST Search History

S35	2	bacskai-brian.in.	US-PGPUB; USPAT	AND	ON	2007/03/15 16:27
S36	0	bacskai-brian-?.in.	US-PGPUB; USPAT	AND	ON	2007/03/15 16:27
S37	46	webb-watt-w.in.	US-PGPUB; USPAT	AND	ON	2007/03/15 16:27
S38	0	webb-watt.in.	US-PGPUB; USPAT	AND	ON	2007/03/15 16:27
S39	2	zipfel-warren-r.in.	US-PGPUB; USPAT	AND	ON	2007/03/15 16:28
S40	51	S31 or S33 or S35 or S37 or S39	US-PGPUB; USPAT	AND	ON	2007/03/15 16:29
S41	41	S40 and fluorescence	US-PGPUB; USPAT	AND	ON	2007/03/15 16:41
S42	1	"5421337".pn.	US-PGPUB; USPAT	AND	ON	2007/03/15 17:16
S43	1	"7107092".pn.	US-PGPUB; USPAT	AND	ON	2007/03/15 17:16
S44	27	("4576173"   "4592361"   "4895156"   "5034613"   "5115137"   "5119815"   "5127405"   "5197470"   "5311013"   "5323775"   "5333044"   "5341805"   "5353790"   "5419323"   "5421337"   "5579773"   "5590660"   "5628310"   "5697373"   "5699795"   "5827190"   "5986271"   "6070096"   "6178041"   "6201989"   "6212425"   "6238348").PN. OR ("6839586").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/15 17:43
S45	2	mahmoud-gimie.xa. or mahmoud-gimie.xp.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/15 17:44
S46	780	gimie-mahmoud.xa. or gimie-mahmoud.xp.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/15 17:45
S47	14	S46 and (medical or patient or endoscope)	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/15 17:45
S48	6	"001643".ap.	US-PGPUB; USPAT	AND	ON	2007/03/27 15:40
S49	1	"3735010".pn.	US-PGPUB; USPAT	AND	ON	2007/03/27 15:41

## EAST Search History

S50	44470	(thin\$4 or cut\$4 or remov\$4 or open\$4) near (skull or head or \$6crani\$3 or calvarium or occipital or palatine or parietal or sphenoid or temporal or zygomatic)	US-PGPUB; USPAT	AND	ON	2007/03/27 15:47
S51	43659	(thin\$4 or cut\$4 or remov\$4 or open\$4) near (skull or head or \$6crani\$3 or calvarium)	US-PGPUB; USPAT	AND	ON	2007/03/27 15:47
S52	45760	(thin\$4 or cut\$4 or remov\$4 or open\$4 or extract\$5) near (skull or head or \$6crani\$3 or calvarium or occipital or palatine or parietal or sphenoid or temporal or zygomatic)	US-PGPUB; USPAT	AND	ON	2007/03/27 15:49
S53	44788	(thin\$4 or cut\$4 or remov\$4 or open\$4 or extract\$5) near (skull or head or \$6crani\$3 or calvarium)	US-PGPUB; USPAT	AND	ON	2007/03/27 15:48
S54	190982	brain or neuro\$8	US-PGPUB; USPAT	AND	ON	2007/03/27 15:49
S55	2444	S52 and S54	US-PGPUB; USPAT	AND	ON	2007/03/27 15:50
S56	2314	S53 and S54	US-PGPUB; USPAT	AND	ON	2007/03/27 15:50
S57	647864	surg\$5 or patient or medical	US-PGPUB; USPAT	AND	ON	2007/03/27 15:51
S58	1495955	surg\$5 or patient or medical or subject	US-PGPUB; USPAT	AND	ON	2007/03/27 15:52
S60	2164	S56 and S58	US-PGPUB; USPAT	AND	ON	2007/03/27 16:42
S61	2275	S55 and S58	US-PGPUB; USPAT	AND	ON	2007/03/27 15:52
S62	122170	fluorescence	US-PGPUB; USPAT	AND	ON	2007/03/27 16:43
S63	517	S60 and S62	US-PGPUB; USPAT	AND	ON	2007/03/27 18:25
S64	1	"6196226".pn.	US-PGPUB; USPAT	AND	ON	2007/03/27 18:31
S65	25	hochman-daryl.in. or hochman-daryl-w.in.	US-PGPUB; USPAT	AND	ON	2007/03/28 11:40
S66	44788	(thin\$4 or cut\$4 or remov\$4 or open\$4 or extract\$5) near (skull or head or \$6crani\$3 or calvarium)	US-PGPUB; USPAT	AND	ON	2007/03/28 11:40
S67	190982	brain or neuro\$8	US-PGPUB; USPAT	AND	ON	2007/03/28 11:40
S68	2314	S66 and S67	US-PGPUB; USPAT	AND	ON	2007/03/28 11:40

## EAST Search History

S69	1495955	surg\$5 or patient or medical or subject	US-PGPUB; USPAT	AND	ON	2007/03/28 11:40
S70	2164	S68 and S69	US-PGPUB; USPAT	AND	ON	2007/03/28 11:40
S71	122170	fluorescence	US-PGPUB; USPAT	AND	ON	2007/03/28 11:40
S72	517	S70 and S71	US-PGPUB; USPAT	AND	ON	2007/03/28 11:40
S73	517	S72	US-PGPUB; USPAT	AND	ON	2007/03/28 11:40
S74	80580	microscopy	US-PGPUB; USPAT	AND	ON	2007/03/28 11:41
S75	341	S72 not S74	US-PGPUB; USPAT	AND	ON	2007/03/28 13:43
S76	3	"20020115717".did. or "6280386".pn. or "6600947".pn.	US-PGPUB; USPAT	AND	ON	2007/03/28 14:03
S77	3	"915092".ap.	US-PGPUB; USPAT	AND	ON	2007/03/28 13:44
S78	11068	((multiple near photon) or multiphoton or multi-photon or photon) excit\$6 (fluorescence or fluoroscopy)	US-PGPUB; USPAT	AND	ON	2007/03/30 11:03
S79	17681	amyloid or A near beta or A-beta	US-PGPUB; USPAT	AND	ON	2007/03/28 14:08
S80	293680	infrared or "near infrared" or NIR	US-PGPUB; USPAT	AND	ON	2007/03/28 14:10
S81	127979	brain	US-PGPUB; USPAT	AND	ON	2007/03/28 14:17
S82	488897	laser	US-PGPUB; USPAT	AND	ON	2007/03/28 14:18
S83	4327	S78 and S80	US-PGPUB; USPAT	AND	ON	2007/03/28 14:19
S84	130	S78 and S80 and S79	US-PGPUB; USPAT	AND	ON	2007/03/28 14:19
S85	74	S78 and S80 and S79 S81 S82	US-PGPUB; USPAT	AND	ON	2007/03/28 14:19
S86	38431	Alzheimer's or Alzheimers	US-PGPUB; USPAT	AND	ON	2007/03/28 14:19
S87	64	S85 and S86	US-PGPUB; USPAT	AND	ON	2007/03/28 14:19
S88	56713	in near vivo	US-PGPUB; USPAT	AND	ON	2007/03/28 15:18
S89	41	S87 and S88	US-PGPUB; USPAT	AND	ON	2007/03/28 18:40

## EAST Search History

S90	11068	((multiple near photon) or multiphoton or multi-photon or photon) excit\$6 (fluorescence or fluoroscopy)	US-PGPUB; USPAT	AND	ON	2007/03/28 18:40
S91	17681	amyloid or A near beta or A-beta	US-PGPUB; USPAT	AND	ON	2007/03/28 18:40
S92	293680	infrared or "near infrared" or NIR	US-PGPUB; USPAT	AND	ON	2007/03/28 18:40
S93	127979	brain	US-PGPUB; USPAT	AND	ON	2007/03/28 18:40
S94	488897	laser	US-PGPUB; USPAT	AND	ON	2007/03/28 18:40
S95	74	S90 and S92 and S91 S93 S94	US-PGPUB; USPAT	AND	ON	2007/03/28 18:40
S96	56713	in near vivo	US-PGPUB; USPAT	AND	ON	2007/03/28 18:40
S97	47	S95 and S96	US-PGPUB; USPAT	AND	ON	2007/03/28 18:41
S98	38431	Alzheimer's or Alzheimers	US-PGPUB; USPAT	AND	ON	2007/03/28 18:41
S99	64	S95 and S98	US-PGPUB; USPAT	AND	ON	2007/03/28 18:41
S100	6	S97 not S99	US-PGPUB; USPAT	AND	ON	2007/03/28 18:41
S101	25	hochman-daryl.in. or hochman-daryl-w.in.	US-PGPUB; USPAT	AND	ON	2007/03/29 12:30
S102	25	S101 and (amyloid or Alzheimer's or Alzheimers or fluorescence or wavelength or A near beta or infrared or "near infrared" or NIR or laser or photon)	US-PGPUB; USPAT	AND	ON	2007/03/29 12:30